

Date Searched: 11/1/2004

Databases Searched: USPAT, USPGPUB

Plurals: ON

Terms Searched:

L1 716/1-18.ccls. or 326/38-45,47,63-81,101-103.ccls. or 710/10.ccls. or 713/1-100.ccls.

L2 (program\$5 or configur\$6 or reprogram\$5 or re-program\$5 or reconfigur\$6 or re-configurat\$6 or initial\$8 or reinitial\$8 or re-initial\$8)

L3 (input\$3 or output\$3 or communicat\$4 or transfer\$4 or "i/o" or "i/os" or (input adj output) or multiplex\$3 or mux or buffer\$3) same (convers\$4 or convert\$3 or shift\$3 or scrambl\$3 or encrypt\$4 or decrypt\$4 or encod\$3 or decod\$3)

L4 1 and 2 and 3

Results: 6373 hits

L5 clock same (phase adj shift\$3)

L6 4 and 5

Results: 85 hits

L7 (scrambl\$3 or encrypt\$4 or decrypt\$4 or encod\$3 or decod\$3) same polynomial

L8 6 and 7

Results: 0 hits

L9 4 and 7

Results: 10 hits

L10 (program\$5 adj3 (device or array)) or pga or fpga or pld or cpld

L11 4 and 10

Results: 2608 hits

L12 (multiplex\$3 or mux) and (convers\$4 or convert\$3 or shift\$3) and (scrambl\$3 or encrypt\$4 or decrypt\$4 or encod\$3 or decod\$3) and (clock same (shift\$3 or delay or retim\$3 or re-tim\$3)) and 11

Results: 441 hits

L13 12 and 7

Results: 2 hits

L15 (programmable adj2 (device or array)) or pld or pga or fpga or cpld

L16 (input\$3 or output\$3 or communicat\$4 or transfer\$4 or "i/o" or "i/os" or (input adj output) or multiplex\$3 or mux or buffer\$3) same serial\$2 same (scrambl\$3 or encod\$3 or encrypt\$4)

L17 16 same polynomial

L18 1 and 2 and 15 and 17

Results: 0 hit

L19 1 and 2 and 15 and 16

Results: 44 hits

US 6181164 B1 USPAT Miller, Andrew J. 326/46

US 6609167 B1 USPAT Bastiani, Vincent J. et al. 710/104

US 20030014620 A1 US-PGPUB Hanjani, Hassan 713/1

US 20010033188 A1 US-PGPUB Aung, Edward et al. 327/141

US 6763506 B1 USPAT Betz, Vaughn Timothy et al. 716/6

US 6525562 B1 USPAT Schultz, David P. et al. 326/39

US 6487648 B1 USPAT Hassoun, Joseph H. 711/167

US 6462577 B1 USPAT Lee, Andy L. et al. 326/40

US 6442739 B1 USPAT Palermo, Robert J. et al. 716/6

US 6437713 B1 USPAT Lesea, Austin H. 341/78

US 6373278 B1 USPAT Sung, Chiakang et al. 326/38

US 6292923 B1 USPAT Genrich, Thad J. et al. 714/795

US RE37048 E USPAT McCollum, John L. 708/230

US 6107826 A USPAT Young, Steven P. et al. 326/41

US 6060902 A	USPAT	Albu, Lucian R. et al.	326/38
US 20030208723 A1	US-PGPUB	Killian, Earl A. et al.	716/1
US 6525678 B1	USPAT	Veenstra; Kerry S. et al.	341/55
US 6317804 B1	USPAT	Levy; Paul S. et al.	710/305
US 6260087 B1	USPAT	Chang; Web	710/100
US 6212639 B1	USPAT	Erickson; Charles R. et al.	713/200
US 6008666 A	USPAT	Conn; Robert O.	326/39
US 5892961 A	USPAT	Trimberger; Stephen M.	712/10
US 5745734 A	USPAT	Craft; David John et al.	716/16
US 6732068 B2	USPAT	Sample; Stephen P. et al.	703/24
US 6437713 B1	USPAT	Lesea; Austin H.	341/78

Databases Searched: EPO, JPO, IBM TDB, Derwent

Plurals: ON

Terms Searched:

L1 (program\$5 or configur\$6 or reprogram\$5 or re-program\$5 or reconfigur\$6 or re-configurat\$6 or initial\$8 or reinitial\$8 or re-initial\$8)

L2 (input\$3 or output\$3 or communicat\$4 or transfer\$4 or "i/o" or "i/os" or (input adj output) or multiplex\$3 or mux or buffer\$3) same (convers\$4 or convert\$3 or shift\$3 or scrambl\$3 or encrypt\$4 or decrypt\$4 or encod\$3 or decod\$3)

L3 clock near10 (phase adj shift\$3)

L4 (scrambl\$3 or encrypt\$4 or decrypt\$4 or encod\$3 or decod\$3) same polynomial

L5 (program\$5 adj3 (device or array)) or pga or fpga or pld or cpld

L6 1 and 2 and 3

Results: 125 hits

L7 1 and 2 and 4

Results: 127 hits

L8 7 and 5

Results: 2 hits

L9 5 and 6

Results: 8 hits

US 6154869 A	DERWENT	WOLF, T D
US 6326812 B	DERWENT	JEFFERSON, D

Database Searched: IEEE/IEEE Xplore

Terms Searched: (program\* or configur\* or reprogram\* or re-program\* or reconfigur\* or re-configurat\* or initial\* or reinitial\* or re-initial\*) and (input\* or output\* or communicat\* or transfer\* or "i/o" or "i/os" or (input <near/1> output) or multiplex\* or mux or buffer\*) and (convers\* or convert\* or shift\* or scrambl\* or encrypt\* or decrypt\* or encod\* or decod\*) and

((program\* <near/3> (device or array)) or pga or fpga or pld or cpld) and polynomial

Results: Your search matched **7** of **1085387** documents

Terms Searched: (program\* or configur\* or reprogram\* or re-program\* or reconfigur\* or re-configurat\* or initial\* or reinitial\* or re-initial\*) and (input\* or output\* or communicat\* or transfer\* or "i/o" or "i/os" or (input <near/1> output) or multiplex\* or mux or buffer\*) and (convers\* or convert\* or shift\* or scrambl\* or encrypt\* or decrypt\* or encod\* or decod\*) and

((program\* <near/3> (device or array)) or pga or fpga or pld or cpld)

Results: Your search matched **497** of **1085387** documents

Terms Searched: (program\* or configur\* or reprogram\* or re-program\* or reconfigur\* or re-configurat\*

or initial\* or reinitial\* or re-initial\*) and  
(input\* or output\* or communicat\* or transfer\* or "i/o" or "i/os" or (input <near/1> output) or multiplex\*  
or mux or buffer\*) and (convers\* or convert\* or shift\* or scrambl\* or encrypt\* or decrypt\* or encod\* or  
decod\*) and

((program\* <near/3> (device or array)) or pga or fpga or pld or cpld)

and (multiplex\* or mux) and (convers\* or convert\* or shift\*) and (scrambl\* or encrypt\* or decrypt\* or  
encod\* or decod\*) and (clock and (shift\* or delay or retim\* or re-tim\*))

Results: Your search matched **0** of **1085387** documents

Terms Searched: (program\* or configur\* or reprogram\* or re program\* or reconfigur\* or re configurat\*  
or initial\* or reinitial\* or re initial\*) and(input\* or output\* or communicat\* or transfer\* or 'i/o' or 'i/os' or  
(input <near/1> output) or multiplex\* or mux or buffer\*) and (convers\* or convert\* or shift\* or scrambl\*  
or encrypt\* or decrypt\* or encod\* or decod\*) and ((program\* <near/3> (device or array)) or pga or fpga  
or pld or cpld) and (multiplex\* or mux) and (convers\* or convert\* or shift\*) and (scrambl\* or encrypt\* or  
decrypt\* or encod\* or decod\*) and clock

Results: Your search matched **1** of **1085387** documents